

## ABSTRACT OF THE DISCLOSURE

According to this invention, there is provided a manipulator which can be suitably used as a compact manipulator apparatus which manipulates a minute target  
5 object. A manipulator of this invention includes, for example, a plurality of arm members whose attitudes can be changed and a manipulation target object manipulating hand mounted on the plurality of arm members through a connecting portion. Rotation of the  
10 hand or similar motion is caused by changing the attitudes of the plurality of arm members..